

## **EXHIBIT 1**



LANDFILL TECHNOLOGIES OF ARECIBO, LLC

## **Certifications of Calibration**



## PRODUCT QUALITY CERTIFICATE OF CONFORMANCE

### Product Inspection & Quality Statement

All individual parts and components which make up the product being provided have been inspected and approved for manufacture. In addition, subassemblies have been inspected, tested, and accepted for final assembly. Each completed assembly has been final tested and approved for shipment.

### Conformance Statement

SAGE Metering Incorporated certifies this instrument was tested in compliance with ANSI/NCSL Z540 and ISO/IEC 17025 requirements. SAGE Metering, Inc. calibration services are derived from MIL-STD-45662A. The Prime DC24 model is Met Labs approved and Met Labs is a Nationally Recognized Testing Laboratory (NRTL) which is recognized by OSHA. The tests are performed using measuring & test equipment with certified NIST traceability. (Applicable NIST numbers are available upon request). Reproduction of the complete certificate is allowed. Parts of the certificate may only be reproduced after written permission is granted by SAGE Metering, Inc.

<b>CUSTOMER:</b>	Excellent Engineering Equipment, Inc.	
<b>PURCHASE ORDER:</b>	219239 / RMA 201812	
<b>SAGE SALES ORDER:</b>	25319	
<b>MODEL:</b>	SIP-05-12-DC24-BIOGAS-FC	
<b>POWER REQUIREMENT:</b>	DC24	
<b>OPTIONAL OUTPUT:</b>	Flow, 4 - 20mA	100 SCF/PULSE, 250 ms
<b>SAGE UNIT/SENSOR SERIAL NUMBERS:</b>	72551-38876	Slave ID = 31 HEX, 49 DEC
<b>TAG:</b>		
<b>PRIME BAUD RATE / PRIME PARITY</b>	19200.00	EVEN
<b>SUGGESTED CALIB/VALIDATION INTERVAL:</b>	12 months after Calibration	
<b>CALIBRATION DATE:</b>	7/16/2019	
<b>OPERATING PRESSURE RANGE:</b>	(14.7 PSIA + PSIG) $\pm$ 20%	
<b>MAXIMUM PRESSURE RATING:</b>	500 PSIG	
<b>SENSOR TEMPERATURE RANGE:</b>	STD: -40 to 200 F	
<b>ELECTRONICS TEMPERATURE RANGE:</b>	0° to +150° F (-18° to +65.56° C)	
<b>ACCURACY AT THE NORMAL 100:1 TURNDOWN:</b>	+/- 1% Rdg + 0.5% FS	
<b>CALIBRATION REFERENCE CONDITIONS:</b>	70° F and 29.92" Hg	
<b>PROCESS GAS / PROCESS GAS SPECIFIC GRAVITY</b>	BIOGAS: (58% CH <sub>4</sub> , 38% CO <sub>2</sub> , 0.9416	
<b>PROCESS FLOW (FS, 4-20 mA)/LowFlowCutoff</b>	0 - 1,000 SCFM	
<b>CALIBRATED FLOW</b>	1000 SCFM	
<b>PROCESS LINE SIZE</b>	6 in sch 10	
<b>PROCESS TEMPERATURE:</b>	120 F	
<b>PROCESS PRESSURE:</b>	60 INH20G	
<b>CALIBRATION TECHNICIANS:</b>	GF	
<b>ROOTS METERS</b>	8C175 - SN 1628163; 23M232 - SN 1623164	

### SPECIAL NOTES:

<b>SOFTWARE REV#</b>	2.06	
<b>AMBIENT AIR ZERO in mW/GAS FLOW ZERO in mW</b>	73	77
<b>Flow Conditioner Required</b>		

**Authorization:** \_\_\_\_\_

**Date:** July 16, 2019



## PRODUCT QUALITY CERTIFICATE OF CONFORMANCE

### Product Inspection & Quality Statement

All individual parts and components which make up the product being provided have been inspected and approved for manufacture. In addition, subassemblies have been inspected, tested, and accepted for final assembly. Each completed assembly has been final tested and approved for shipment.

### Conformance Statement

SAGE Metering Incorporated certifies this instrument was tested in compliance with ANSI/NCSL Z540 and ISO/IEC 17025 requirements. SAGE Metering, Inc. calibration services are derived from MIL-STD-45662A. The Prime DC24 model is Met Labs approved and Met Labs is a Nationally Recognized Testing Laboratory (NRTL) which is recognized by OSHA. The tests are performed using measuring & test equipment with certified NIST traceability. (Applicable NIST numbers are available upon request). Reproduction of the complete certificate is allowed. Parts of the certificate may only be reproduced after written permission is granted by SAGE Metering, Inc.

<b>CUSTOMER:</b>	Excellent Engineering Equipment, Inc.	
<b>PURCHASE ORDER:</b>	219189 / RMA 200858	
<b>SAGE SALES ORDER:</b>	25192	
<b>MODEL:</b>	SIP-05-12-DC24-FC-BIOGAS	
<b>POWER REQUIREMENT:</b>	DC24	
<b>OPTIONAL OUTPUT:</b>	Flow, 4 - 20mA	100 SCF/PULSE, 250 ms
<b>SAGE UNIT/SENSOR SERIAL NUMBERS:</b>	85117-44527	Slave ID = 31 HEX, 49 DEC
<b>TAG:</b>		
<b>PRIME BAUD RATE / PRIME PARITY</b>	19200.00	EVEN
<b>SUGGESTED CALIB/VALIDATION INTERVAL:</b>	12 months after Calibration	
<b>CALIBRATION DATE:</b>	5/22/2019	
<b>OPERATING PRESSURE RANGE:</b>	(14.7 PSIA + PSIG) $\pm$ 20%	
<b>MAXIMUM PRESSURE RATING:</b>	500 PSIG	
<b>SENSOR TEMPERATURE RANGE:</b>	STD: -40 to 200 F	
<b>ELECTRONICS TEMPERATURE RANGE:</b>	0° to +150° F (-18° to +65.56° C)	
<b>ACCURACY AT THE NORMAL 100:1 TURNDOWN:</b>	+/- 1% Rdg + 0.5% FS	
<b>CALIBRATION REFERENCE CONDITIONS:</b>	70° F and 29.92" Hg	
<b>PROCESS GAS / PROCESS GAS SPECIFIC GRAVITY</b>	BIOGAS: (58% CH <sub>4</sub> , 38% CO <sub>2</sub> , 0.9416	
<b>PROCESS FLOW (FS, 4-20 mA)/LowFlowCutoff</b>	0 - 1,000 SCFM	
<b>CALIBRATED FLOW</b>	1000 SCFM	
<b>PROCESS LINE SIZE</b>	6 in sch 10	
<b>PROCESS TEMPERATURE:</b>	120 F	
<b>PROCESS PRESSURE:</b>	60 INH2OG	
<b>CALIBRATION TECHNICIANS:</b>	GF	
<b>ROOTS METERS</b>	8C175 - SN 1628163; 23M232 - SN 1623164	

### SPECIAL NOTES:

<b>SOFTWARE REV#</b>	2.09	
<b>AMBIENT AIR ZERO in mW/GAS FLOW ZERO in mW</b>	71	74
<b>Flow Conditioner Required</b>		

**Authorization:** \_\_\_\_\_

**Date:** May 22, 2019



## PRODUCT QUALITY CERTIFICATE OF CONFORMANCE

### Product Inspection & Quality Statement

All individual parts and components which make up the product being provided have been inspected and approved for manufacture. In addition, subassemblies have been inspected, tested, and accepted for final assembly. Each completed assembly has been final tested and approved for shipment.

### Conformance Statement

SAGE Metering Incorporated certifies this instrument was tested in compliance with ANSI/NCSL Z540 and ISO/IEC 17025 requirements. SAGE Metering, Inc. calibration services are derived from MIL-STD-45662A. The Prime DC24 model is Met Labs approved and Met Labs is a Nationally Recognized Testing Laboratory (NRTL) which is recognized by OSHA. The tests are performed using measuring & test equipment with certified NIST traceability. (Applicable NIST numbers are available upon request). Reproduction of the complete certificate is allowed. Parts of the certificate may only be reproduced after written permission is granted by SAGE Metering, Inc.

<b>CUSTOMER:</b>	Excellent Engineering Equipment, Inc.	
<b>PURCHASE ORDER:</b>	219189	
<b>SAGE SALES ORDER:</b>	25192	
<b>MODEL:</b>	SIP-05-12-DC24-FC-BIOGAS	
<b>POWER REQUIREMENT:</b>	DC24	
<b>OPTIONAL OUTPUT:</b>	Flow, 4 - 20mA	100 SCF/PULSE, 250 ms
<b>SAGE UNIT/SENSOR SERIAL NUMBERS:</b>	174992-73674	Slave ID = 31 HEX, 49 DEC
<b>TAG:</b>		
<b>PRIME BAUD RATE / PRIME PARITY</b>	19200.00	EVEN
<b>SUGGESTED CALIB/VALIDATION INTERVAL:</b>	12 months after Calibration	
<b>CALIBRATION DATE:</b>	5/22/2019	
<b>OPERATING PRESSURE RANGE:</b>	(14.7 PSIA + PSIG) $\pm$ 20%	
<b>MAXIMUM PRESSURE RATING:</b>	500 PSIG	
<b>SENSOR TEMPERATURE RANGE:</b>	STD: -40 to 200 F	
<b>ELECTRONICS TEMPERATURE RANGE:</b>	0° to +150° F (-18° to +65.56° C)	
<b>ACCURACY AT THE NORMAL 100:1 TURNDOWN:</b>	+/- 1% Rdg + 0.5% FS	
<b>CALIBRATION REFERENCE CONDITIONS:</b>	70° F and 29.92" Hg	
<b>PROCESS GAS / PROCESS GAS SPECIFIC GRAVITY</b>	BIOGAS: (58% CH <sub>4</sub> , 38% CO <sub>2</sub> , 0.9416	
<b>PROCESS FLOW (FS, 4-20 mA)/LowFlowCutoff</b>	0 - 1,000 SCFM	
<b>CALIBRATED FLOW</b>	1000 SCFM	
<b>PROCESS LINE SIZE</b>	6 in sch 10	
<b>PROCESS TEMPERATURE:</b>	120 F	
<b>PROCESS PRESSURE:</b>	60 INH20G	
<b>CALIBRATION TECHNICIANS:</b>	GF	
<b>ROOTS METERS</b>	8C175 - SN 1628163; 23M232 - SN 1623164	

### SPECIAL NOTES:

<b>SOFTWARE REV#</b>	2.31	
<b>AMBIENT AIR ZERO in mW/GAS FLOW ZERO in mW</b>	100	104
<b>Flow Conditioner Required</b>		

**Authorization:** \_\_\_\_\_

**Date:** May 22, 2019

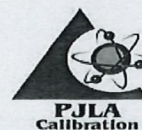


# CERTIFICATION OF CALIBRATION

ISSUED BY: QED Environmental Systems, Inc. Services Facility

Date Of Calibration: April 23, 2018

Certificate Number: G501950\_10/34110



No. 66916

Page 1 of 2

Approved By Signatory

John Parisho  
Laboratory Inspection



QED Environmental Systems, Inc. Services Facility,  
2355 Bishop Circle West, Dexter, MI 48130  
www.qedenv.com

**Customer:** Diamond Scientific LLC

PO Box 348  
Mims, FL 32754  
USA

**Description:** Gas Analyser

**Model:** GEM5000

**Serial Number:** G501950

## Accredited Results:

Methane (CH4)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.9	0.42
15.0	14.9	0.66
50.0	49.5	1.03

Carbon Dioxide (CO2)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.8	0.43
15.0	14.7	0.71
50.0	50.0	1.19

Oxygen (O2)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
20.7	20.8	0.25

Gas cylinders are traceable and details can be provided if requested.

CH4, CO2 readings recorded at: 32.2 °C/89.9 °F

Barometric Pressure: 29.18 "Hg

O2 readings recorded at: 22.6 °C/72.7 °F

Method of Test: The analyzer is calibrated in a temperature controlled chamber using reference gases. All analyzers are calibrated in accordance with our procedure ISP-17 using high purity grade gas.

All calibrations are performed in accordance with ISO 17025 at LANDTEC, an ISO 17025:2005 – accredited service facility through PJLA.

*The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NIST requirements.*

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.



# CERTIFICATION OF CALIBRATION

PJLA ACCREDITED CALIBRATION LABORATORY NO. 66916

Certificate Number  
G501950\_10/34110

Page 2 of 2

## Non Accredited results:

Pressure Transducers (inches of water column)					
Transducer	Certified (Low)	Reading (Low)	Certified (High)	Reading (High)	Accuracy
Static	0"	0"	40"	39.79"	2.0"
Differential	0"	0"	4"	3.11"	0.7"

Barometer (mbar)	
Reference	Instrument Reading
0988 mbar / 29.18 "Hg	0988 mbar / 29.19 "Hg

As received gas check readings:

Methane (CH <sub>4</sub> )	
Certified Gas (%)	Instrument Reading (%)
5.0	5.9
15.0	10.5
50.0	44.2

Carbon Dioxide (CO <sub>2</sub> )	
Certified Gas (%)	Instrument Reading (%)
5.0	27.8
15.0	89.6
50.0	100.0

Oxygen (O <sub>2</sub> )	
Certified Gas (%)	Instrument Reading (%)
20.7	18.9

As received Gas readings recorded at: 32.2 °C/89.9 °F

As received Barometric Pressure recorded at: 22.6 °C/72.7 °F

End of Certificate



# CERTIFICATION OF CALIBRATION

ISSUED BY: QED Environmental Systems, Inc. Services Facility

Date Of Calibration: June 14, 2019

Certificate Number: G503692\_9/36838



PJLA  
Calibration

No. 66916

Page 1 of 2

Approved By Signatory

Dan McCarty  
Laboratory Inspection



QED Environmental Systems, Inc. Services Facility,  
2355 Bishop Circle West, Dexter, MI 48130  
www.qedenv.com

**Customer:** DIAMOND SCIENTIFIC LLC

PO BOX 348  
MIMS, FL 32754  
USA

**Description:** Gas Analyser

**Model:** GEM5000

**Serial Number:** G503692

## Accredited Results:

Methane (CH <sub>4</sub> )		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.8	0.42
15.0	14.8	0.66
50.0	49.5	1.03

Carbon Dioxide (CO <sub>2</sub> )		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.9	0.43
15.0	14.9	0.71
50.0	50.0	1.19

Oxygen (O <sub>2</sub> )		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
20.7	20.8	0.25

Gas cylinders are traceable and details can be provided if requested.

CH<sub>4</sub>, CO<sub>2</sub> readings recorded at: 33.6 °C/92.5 °F

Barometric Pressure: 28.92 "Hg

O<sub>2</sub> readings recorded at: 23.2 °C/73.8 °F

Method of Test: The analyzer is calibrated in a temperature controlled chamber using reference gases. All analyzers are calibrated in accordance with our procedure ISP-17 using high purity grade gas.

All calibrations are performed in accordance with ISO 17025 at LANDTEC, an ISO 17025:2005 – accredited service facility through PJLA.

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.



# CERTIFICATION OF CALIBRATION

PJLA ACCREDITED CALIBRATION LABORATORY NO. 66916

Certificate Number

G503692\_9/36838

Page 2 of 2

*The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NIST requirements.*

## Non Accredited results:

Pressure Transducers (inches of water column)					
Transducer	Certified (Low)	Reading (Low)	Certified (High)	Reading (High)	Accuracy
Static	0"	0.00"	40"	39.98"	2.0"
Differential	0"	0.00"	4"	3.98"	0.7"

Barometer (mbar)	
Reference	Instrument Reading
0979 mbar / 28.92 "Hg	0980 mbar / 28.93 "Hg

As received gas check readings:

Methane (CH <sub>4</sub> )	
Certified Gas (%)	Instrument Reading (%)
5.0	4.9
15.0	15.2
50.0	48.6

Carbon Dioxide (CO <sub>2</sub> )	
Certified Gas (%)	Instrument Reading (%)
5.0	5.0
15.0	15.3
50.0	51.4

Oxygen (O <sub>2</sub> )	
Certified Gas (%)	Instrument Reading (%)
20.7	20.3

As received Gas readings recorded at: 33.6 °C/92.5 °F

As received Barometric Pressure recorded at: 23.2 °C/73.8 °F

End of Certificate



# CERTIFICATION OF CALIBRATION

ISSUED BY: QED Environmental Systems, Inc. Services Facility

Date Of Calibration: November 20, 2019

Certificate Number: G501950\_9/37950



PJLA  
Calibration

No. 66916

Page 1 of 2

Approved By Signatory

Timothy Hutchins  
Laboratory Inspection



QED Environmental Systems, Inc. Services Facility,  
2355 Bishop Circle West, Dexter, MI 48130  
www.qedenv.com

**Customer:** DIAMOND SCIENTIFIC

PO BOX 348  
MIMS, FL 32754  
USA

**Description:** Gas Analyser

**Model:** GEM5000

**Serial Number:** G501950

## Accredited Results:

Methane (CH <sub>4</sub> )		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.9	0.42
15.0	14.9	0.66
50.0	49.5	1.03

Carbon Dioxide (CO <sub>2</sub> )		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.9	0.43
15.0	14.8	0.71
50.0	50.2	1.19

Oxygen (O <sub>2</sub> )		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
20.9	21.0	0.25

Gas cylinders are traceable and details can be provided if requested.

CH<sub>4</sub>, CO<sub>2</sub> readings recorded at: 30.1 °C/86.2 °F

Barometric Pressure: 29.19 "Hg

O<sub>2</sub> readings recorded at: 21.4 °C/70.5 °F

Method of Test: The analyzer is calibrated in a temperature controlled chamber using reference gases. All analyzers are calibrated in accordance with our procedure ISP-17 using high purity grade gas.

All calibrations are performed in accordance with ISO 17025 at LANDTEC, an ISO 17025:2005 – accredited service facility through PJLA.

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.



# CERTIFICATION OF CALIBRATION

PJLA ACCREDITED CALIBRATION LABORATORY NO. 66916

Certificate Number  
G501950\_9/37950

Page 2 of 2

*The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NIST requirements.*

## Non Accredited results:

Pressure Transducers (inches of water column)					
Transducer	Certified (Low)	Reading (Low)	Certified (High)	Reading (High)	Accuracy
Static	0"	0.00"	40"	40.25"	2.0"
Differential	0"	0.00"	4"	3.97"	0.7"

Barometer (mbar)	
Reference	Instrument Reading
0988 mbar / 29.19 "Hg	0988 mbar / 29.19 "Hg

End of Certificate

Calibration Instance: 104 IGC Instance: 104

LP015LNANIST-1.1

**WWW.LANDTECNA.COM**

QED Instrument Services Facility - 2355 Bishop Circle West, Dexter, MI. 48130